

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)**

CONTROL NO: 384

FILE: Enviro

FROM: Duke Power Co. Charlotte, N.C. A.C. Thies		DATE OF DOC 1-8-75	DATE REC'D 1-15-75	LTR xxx	TWX	RPT	OTHER
TO: Mr. Angelo		ORIG 1-signed	CC	OTHER	SENT AEC PDR <u>xxxxx</u>		
					SENT LOCAL PDR <u>xxxx</u>		
CLASS	UNCLASS xxxxxx	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269, 270, and <u>287</u>		

DESCRIPTION:

Ltr trans the following

**ACKNOWLEDGED
DO NOT REMOVE**

ENCLOSURES:

Environmental Occurrence on 1-2-75 concerning
Fish Impingement Data Per Intake Screens.....

PLANT NAME: Oconee 1-2-3

FOR ACTION/INFORMATION

1-16-75 JGB

BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies
CLARK (L) W/ Copies	STOLZ (L) W/ Copies	DICKER (E) W/ Copies	LEAR (L) W/ Copies
PARR (L) W/ Copies	VASSALLO (L) W/ Copies	KNIGHTON (E) W/ Copies	SPELS W/ Copies
KNIEL (L) W/ Copies	PURPLE (L) W/ Copies	YOUNGBLOOD (E) W/ Copies	

INTERNAL DISTRIBUTION

REG FILE REC PDR OGC, ROOM P-506A MUNTZING/STAFF CASE GIAMBUSSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) MORRIS STEELE	TECH REVIEW SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR SCAletti HARLESS	LIC ASST R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) F. KREUTZER (E) J. LEE (L) M. MAIGRET (L) S. REED (E) M. SERVICE (L) S. SHEPPARD (L) M. SLATER (E) H. SMITH (L) S. TEETS (L) G. WILLIAMS (E) V. WILSON (L)	A/T IND. BRAITMAN SALTZMAN ABEL PLANS MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON D. THOMPSON (2) KLECKER EISENHUT WIGGINTON
--	---	--	---	--

EXTERNAL DISTRIBUTION

LOCAL PDR Walhalla S.C. TIC (ABERNATHY) (1)(2)(10) 1 - NSIC (BUCHANAN) 1 - ASLB 1 - Newton Anderson 1 - ACRS SENT /SENT Kreutzer	1 - NATIONAL LABS DEK 1 - W. PENNINGTON, Rm E-201 GT 1 - CONSULTANTS NEWMARK/BLUME/AGBABIAN	1 - PDR-SAN/LA/NY 1 - BROOKHAVEN NAT LAB 1 - G. ULRIKSON, ORNL 1 - AGMED (RUTH GUSSMAN) Rm B-127 GT 1 - R. D. MUELLER, Rm E-201 GT
--	---	---

DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

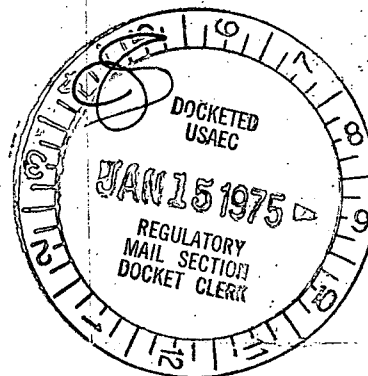
P. O. Box 2178

January 8, 1974

Regulatory

File Cy.

Mr. Angelo Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
Office of Regulation
U. S. Atomic Energy Commission
Washington, D. C. 20545



Re: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287

Dear Mr. Giambusso:

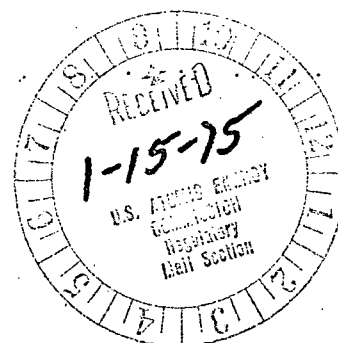
On January 2, 1975, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 2,168 small fingerling fish, weighing 3,200 grams, had collected on the screens. The fish, averaging 1.5 grams per fish, were removed from the screens and categorized, where possible, as to screen location, type, size, degree of decomposition, and weight. This information is tabulated in Enclosure 1. It is concluded that the mortality of these 3,200 grams of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

A. C. Thies

ACT:vr
Enclosure

cc: Mr. H. J. Logan
S. C. Wildlife & Marine Resources Dept.



Enclosure 1
Oconee Nuclear Station
Summary of Fish Impingement Data
Per Intake Screen
January 2, 1975

Screen 1A1

No fish were impinged

Screen 1A2

No fish were impinged

Screen 2A1

Total Fish Impinged - 438

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Yellow Perch - 4	2-4 cm - 123	Class 1 - 0	
Threadfin Shad - 250	4-6 cm - 251	Class 2 - 81	~ 800 gms
Unidentifiable - 184	6-8 cm - 64	Class 3 - 173	
		Class 4 - 184	

Screen 2A2

Total Fish Impinged - 281

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Yellow Perch - 1	2-4 cm - 62	Class 1 - 0	
Threadfin Shad - 228	4-6 cm - 178	Class 2 - 198	~ 400 gms
Unidentifiable - 52	6-8 cm - 41	Class 3 - 31	
		Class 4 - 52	

Screen 3A1

Total Fish Impinged - 575

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 1	2-4 cm - 121	Class 1 - 0	
Yellow Perch - 4	4-6 cm - 384	Class 2 - 241	~ 900 gms
Threadfin Shad - 560	6-8 cm - 70	Class 3 - 324	
Unidentifiable - 10		Class 4 - 10	

Screen 3A2

Total Fish Impinged - 874

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 1	2-4 cm - 375	Class 1 - 0	
Yellow Perch - 3	4-6 cm - 441	Class 2 - 10	~ 1100 gms
Threadfin Shad - 786	6-8 cm - 58	Class 3 - 780	
Unidentifiable - 84		Class 4 - 84	

- *Class 1 - No noticeable decomposition
 Class 2 - Slightly decomposed
 Class 3 - Badly decomposed, identifiable
 Class 4 - Badly decomposed, unidentifiable